

TRANSMITTAL LETTER

Serial No. 10/689,457	Filing Date 10/20/2003	Examiner To be assigned	Case No. 9281-4680 Group Art Unit
Inventor(s) Toru Aoyagi			
Title of Invention HIGH-WORK-EFFICIENCY MULTILAYERED CIRCUIT BOARD			

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Transmittal Letter (in duplicate); Information Disclosure Statement (in duplicate); PTO Form 1449; Reference A1 and Return Postcard

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☐ Petition for a _____ month extension of time.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee	-20	-3
Total Claims	-20	-3
Indep. Claims	-3	
Multiple Dependent Claims Present		

*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity		or	Other Than Small Entity	
Rate	Fee		Rate	Fee
	\$ 385	or		\$ 770
x\$9=	\$	or	x\$18=	\$
x\$43=	\$	or	x\$86=	\$
+\$145=	\$	or	+\$290=	\$
Total	\$	or	Total	\$

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$ _____. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☐ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Gustavo Siller, Jr.
Registration No. 32,305
Attorney for Applicant
Customer No. 00757 - Brinks Hofer Gilson Lione

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 1/20/04

Date: 1/20/04 Signature: _____

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on 1/20/04
Date of Deposit

Gustavo Siller, Jr., Reg. No. 32,305

Name of Applicant, Assignee or
Registered Representative

Signature

Our File No. 9281-4680

Client Reference No. S US02194

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Toru Aoyagi)
Serial No. 10/689,457)
Filing Date: October 20, 2003)
For: High-Work-Efficiency Multilayered)
Circuit Board)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir:

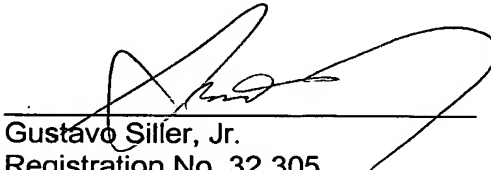
Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicant hereby submits reference A1 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the reference is enclosed herewith.

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicant reserves the right to contest this reference as prior art against the present application, and Applicant does not believe that the disclosure of this reference, even if finally determined to be prior art, anticipates Applicant's invention or that this reference makes Applicant's invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

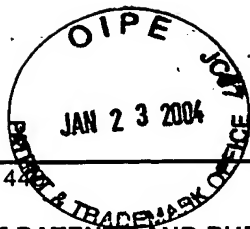
Applicant respectfully requests that the Examiner review the entire disclosure of this document and make it of record.

Respectfully submitted,



Gustavo Siller, Jr.
Registration No. 32,305
Attorney for Applicant

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FORM PTO-14 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	SERIAL NO.	CASE NO. 9281-4680
	FILING DATE October 20, 2003	GROUP ART UNIT
	APPLICANT(S): Toru Aoyagi	

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO	
	A1	11-103229	04/1999	JAPAN		X	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)					

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.